

Title (en)

LOW LOSS ELECTRODE CONNECTION FOR INKJET PRINthead

Title (de)

VERLUSTARME ELEKTRODENVERBINDUNG FÜR TINTENSTRAHLDRUCKKOPF

Title (fr)

CONNEXION D'ELECTRODES A FAIBLE PERTE POUR TETE D'IMPRESSION A JET D'ENCRE

Publication

EP 1945457 A4 20100106 (EN)

Application

EP 05791396 A 20051010

Priority

AU 2005001561 W 20051010

Abstract (en)

[origin: WO2007041744A1] An inkjet printhead with planar thermal actuators (12), contacts (28) directly deposited onto the CMOS electrodes and suspended heater element (29), which avoids hot spots caused by vertical or inclined surfaces so that the contacts (28) can be much smaller structures without unacceptable increases in resistive losses. Low resistive losses preserves the efficient operation of a suspended heater element (29) and the small contact size is convenient for close nozzle packing on the printhead.

IPC 8 full level

B41J 2/05 (2006.01)

CPC (source: EP KR)

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Citation (search report)

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- [X] JP S6294347 A 19870430 - RICOH SEIKI CO LTD
- [Y] JP H0732596 A 19950203 - CANON KK
- [Y] EP 0865922 A2 19980923 - HEWLETT PACKARD CO [US]
- See references of WO 2007041744A1

Designated contracting state (EPC)

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